



# UMFT

Universitatea de  
Medicină și Farmacie  
„Victor Babeș”  
din Timișoara



## The International Seminar on Biomaterials and Regenerative Medicine BioReMed 2017

Timisoara, Romania,  
5-8 October 2017





University "Goce Delcev" – Shtip,  
R. Macedonia, Faculty of medical sciences,  
Dental medicine,  
Department of oral and maxillofacial  
surgery and dental implantology

# Current Biomaterials and Surgical Techniques Used in Oral Implantology

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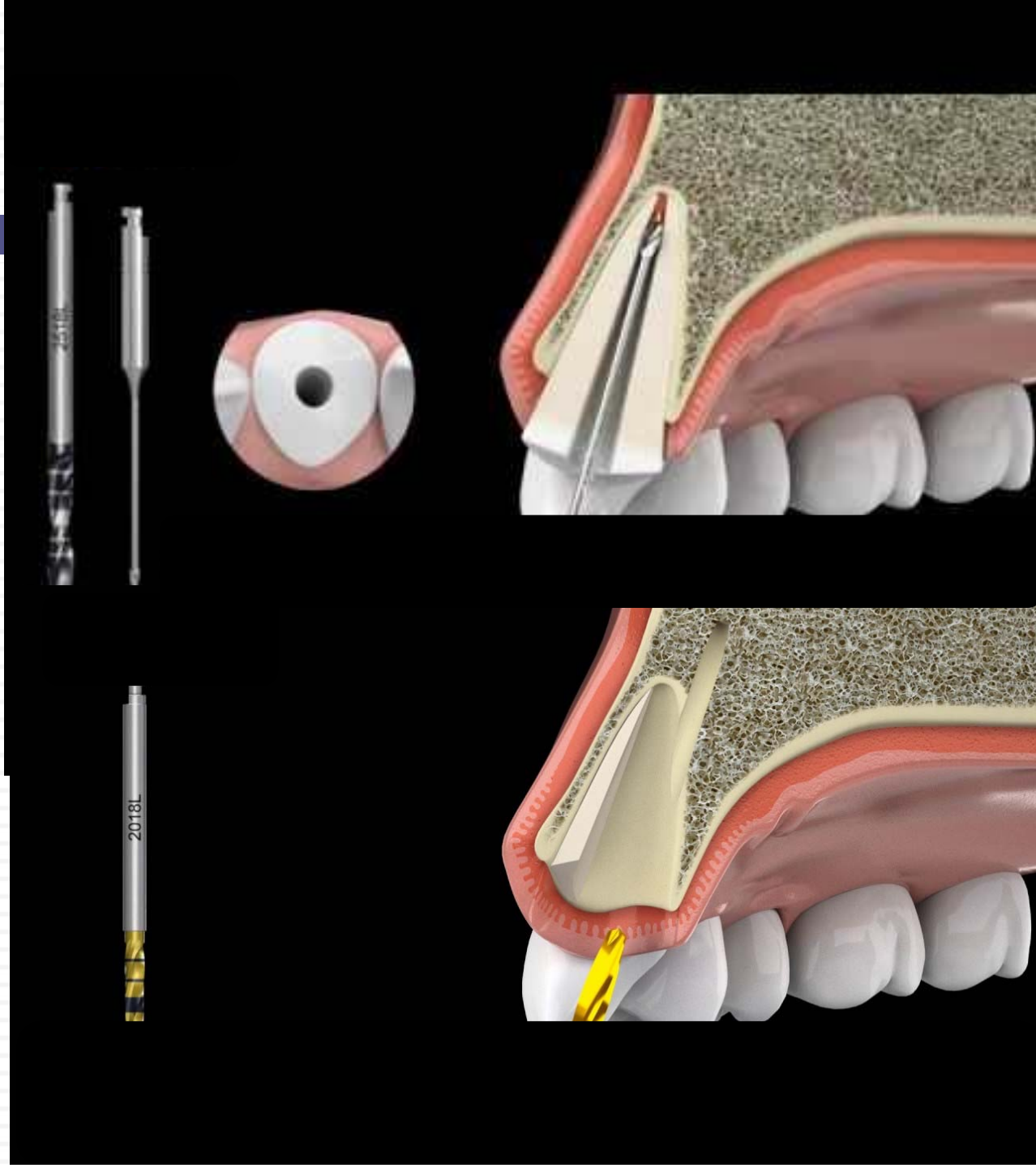


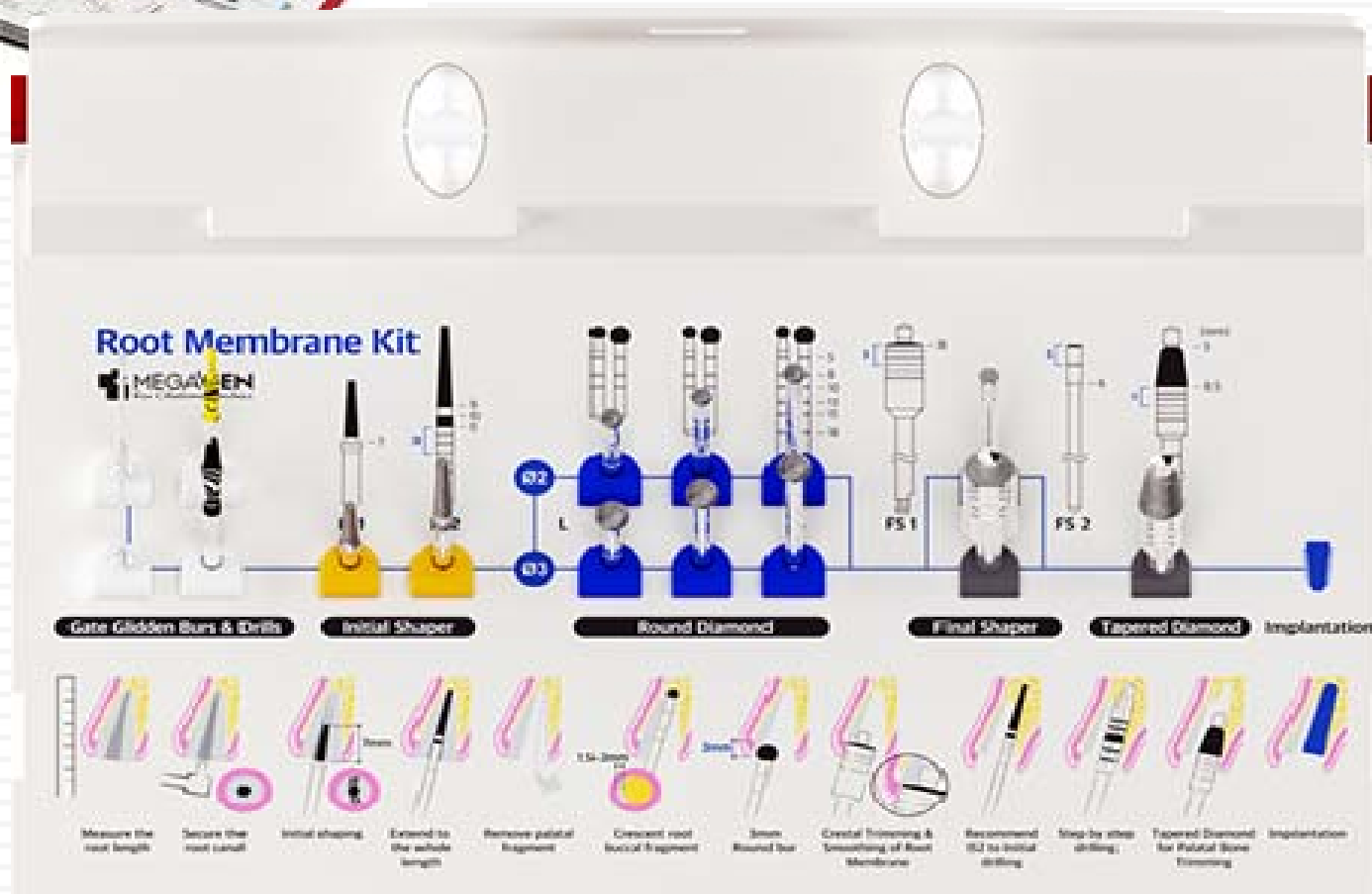


- **Oseointegration** – it is a biological phenomena between the oxidized surface of titanium implant, and bone under load.
- That relation could last for a long time if we have **enough** blood supply.

1.

## Partial extraction therapies (PET )







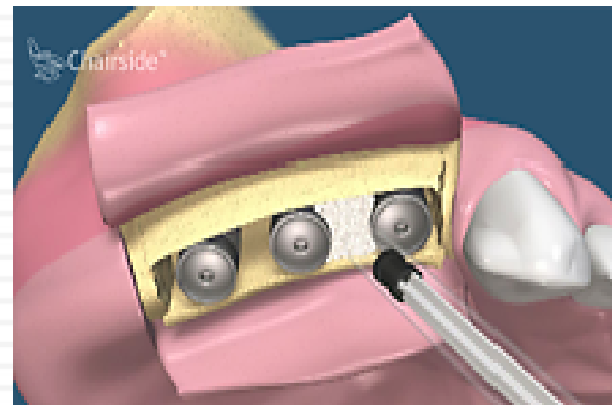
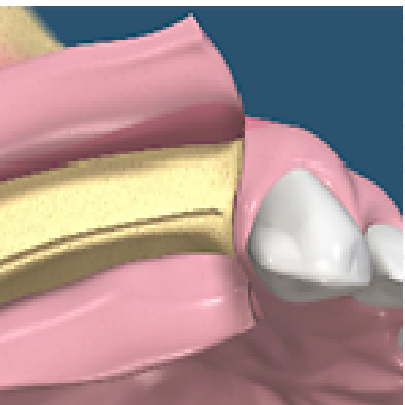




# Bone split

**Single Stage Ridge Split Procedure**

**Two Stage Ridge Split Procedure**



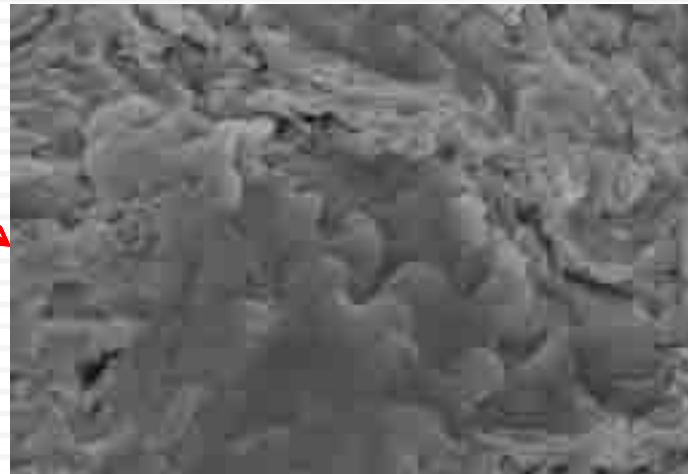
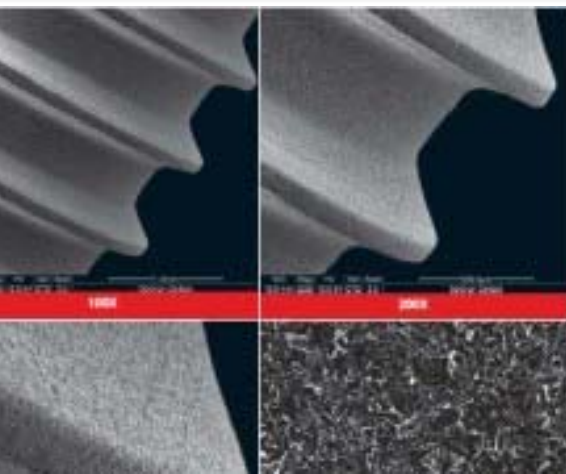
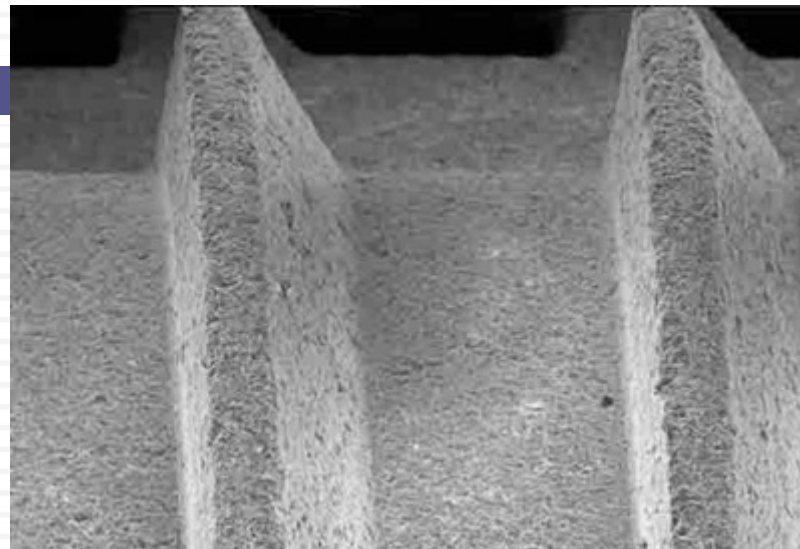
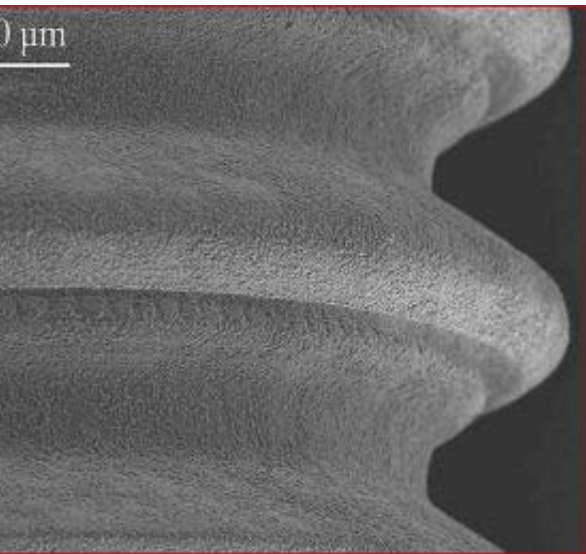
## ol de prelucrare a datelor.

ta față de osul maxilar atunci când deficitul osos este important

Înălțimea osimea osului			
	$\geq 8 \text{ mm}$	$5 - 8 \text{ mm}$	$\leq 5 \text{ mm}$
$> 5 \text{ mm}$	Realizarea unei grefe de interpoziție	Realizarea unei grefe de interpoziție și o grefă pe cale vestibulară	Realizarea unei grefe de interpoziție și o grefă pe cale vestibulară
$- 5 \text{ mm}$	Realizarea unei grefe de interpoziție sau apoziție	Realizarea unei grefe de interpoziție și a unei grefe pe cale vestibulară	Realizarea unei grefe de interpoziție și a unei grefe pe cale vestibulară
$< 3 \text{ mm}$	Realizarea unei grefe în „șă”	Realizarea unei grefe în „șă”	Realizarea unei grefe în „șă”











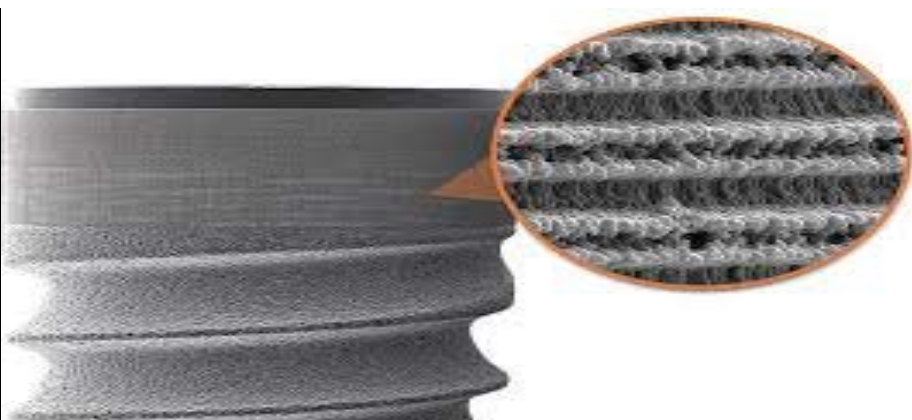
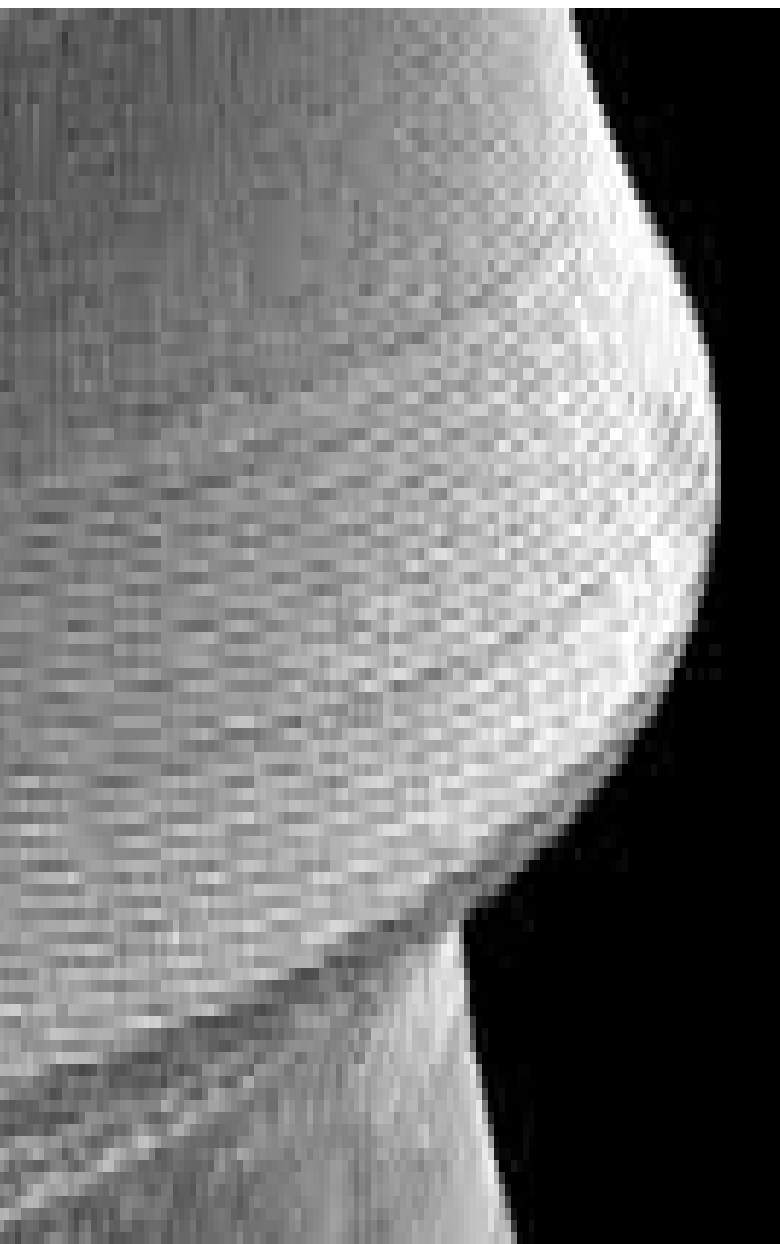




# The ISQ scale selection of >670 articles



The above is a summary of scientific data and not an official recommendation by Osstell.  
To monitor osseointegration measure at placement and before final restoration.





**Osseoperception/oseointegration  
and control by communication with the  
brain of the patient ...**





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